

GR. 2744

PHO 99-003



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:  
Bennett, Ian M.

) Art Unit: 2744  
)

Serial No.: 09/439,174

)  
)

Filed: 11/12/99

)  
)

For: *Internet Server with Speech Support*  
*for Enhanced Interactivity*

)

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

FEB 22 2000

GROUP 2700

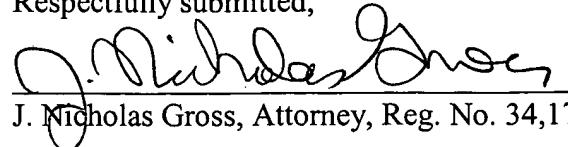
Sir:

1. Pursuant to 37 C.F.R. 1.97 and 1.98, and in compliance with 37 C.F.R. 1.56, the Office's attention is directed to the patents, publications and other information listed on the attached PTO-1449. Regarding the document(s), publication(s) or other information listed on the attached PTO-1449, Applicant believes the same may qualify as "prior" art to this application and should be treated accordingly, although Applicant(s) reserve(s) the right to contest the prior art status of any document, publication or information cited herein.

To expedite consideration of the case, applicants have included hard copies of all the US patents cited herein. Copies of the other background materials cited here are expected to follow shortly under separate cover.

2. Pursuant to 37 C.F.R. 1.97(b) this Statement is being filed within 3 months of the filing date.

Respectfully submitted,



J. Nicholas Gross, Attorney, Reg. No. 34,175

February 14, 2000  
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San Francisco, CA 94103  
Tel. (415)551-8298

*I hereby certify that the foregoing is being deposited with the U.S. Postal Service, postage prepaid, to the Commissioner of Patents and Trademarks, this 14th day of February 2000.*

Form PTO-1449  
(REV. 7-92)U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark OfficeAttorney's Docket Number:  
PHO 99-003Serial No.:  
09/439,174

## INFORMATION DISCLOSURE STATEMENT

## BY APPLICANT

(Use several sheets if necessary)



Applicant(s): Bennett

Filing Date: 11/12/99

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## U.S. PATENT DOCUMENTS

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*EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5	9	6	0	3	9	9					
	5	9	6	0	3	9	4	9/28/99	Gould et al.	704	270	12/24/97
	5	9	6	0	3	9	4	9/28/99	Gould et al.	704	240	10/22/97
	5	9	5	6	6	8	3	9/21/99	Jacobs et al.	704	275	4/4/96
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	5	8	6	7	8	1	7	2/2/99	Catallo et al.	704	255	8/19/96
	5	8	1	9	2	2	0	10/6/98	Sarukkai et al.	704	243	9/30/96
	5	8	0	2	2	5	6	9/1/98	Fawcett et al.	707	104	4/18/96
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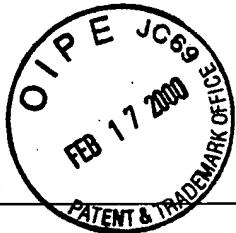
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	L.E. Baum, T. Petrie, "Statistical inference for probabilistic functions for finite state Markov chains", Ann. Math. Stat., 37: 1554-1563, 1966
	J.L. Flanagan, "Speech Analysis Synthesis and Perception", 2 <sup>nd</sup> edition, Springer-Verlag Berlin, 1972
	L.E. Baum, "An inequality and associated maximization technique in statistical estimation for probabilistic functions of Markov processes", Inequalities 3: 1-8, 1972

EXAMINER	DATE CONSIDERED
*EXAMINER:	Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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*EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5	6	8	0	6	2	8	10/21/97	Carus et al.	395	759	7/19/95
	5	3	8	4	8	9	2	1/24/95	Strong	395	2.52	12/31/92
	5	2	3	1	6	7	0	7/27/93	Goldhor et al.	381	43	3/19/92
	5	1	4	6	4	0	5	9/8/92	Church	364	419	2/5/88
	5	0	6	8	7	8	9	11/26/91	Van Vliembergen	364	419	9/15/89
	4	9	9	1	2	1	7	2/5/91	Garrett et al.	381	43	11/30/84
	4	9	9	1	0	9	4	2/5/91	Fagan et al.	364	419	4/26/89
	4	5	8	7	6	7	0	5/6/86	Levinson et al.	381	43	10/15/82

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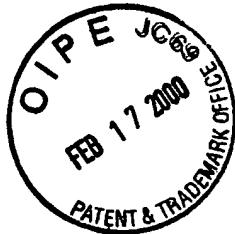
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	I. Bennett and J. Linville, "A Study of Time Domain Speech Compression by Means of a new Analog Speech Processor", Journal of the Audio Engineering Society, Vol. 23, No. 9, 1975.
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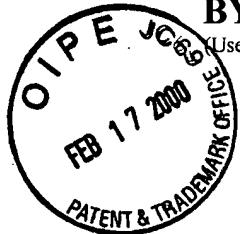
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	J. Makhoul, S. Roucos, H. Gish, "Vector Quantization in Speech Coding, Proc. IEEE, Vol. 73, No. 11, Nov. 1985.
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	A. Gersho and R.M. Gray, "Vector Quantization and Compression", Kluwer Academic Publishers, 1991.

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## U.S. PATENT DOCUMENTS

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	I. Guyon and P. Wang editors, <i>Advances in Pattern Recognition Systems using Neural Networks</i> , Vol. 7 of a Series in Machine Perception and Artificial Intelligence. World Scientific, Feb. 1994.
	P. Lieberman, "Intonation, Perception and Language", Research Monograph No. 38, MIT Press, Cambridge, Mass.

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